

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1. (Currently Amended) A system for bypassing an aneurysm comprising a bypass prosthesis for extending through a portion of an aneurysm said bypass prosthesis comprising an expandable stent having a graft material disposed on a surface of the stent and having a proximal end and distal end each, upon expansion, with lumen openings of a predetermined diameters; ~~and~~ an extension prosthesis comprising an expandable stent having a graft material disposed on a surface of the stent, said stent defining a proximal, medial, and distal zones, said proximal zone having a first diameter upon expansion and said medial zone having a second diameter upon expansion where said first diameter is greater than said second diameter where the proximal zone flares from the medial zone, an open proximal lumen formed in a proximal zone and an open distal lumen formed in the distal zone, where predetermined diameter of said bypass prosthesis upon expansion corresponds to said first diameter of said extension prosthesis so that the proximal zone of the extension prosthesis matingly engages and is overlapped by the distal end of the bypass prosthesis to form fluid tight seal and where said extension prosthesis ~~extends through~~ is configured to extend through another portion of said aneurysm; and a sealing prosthesis configured to receive said proximal end of said bypass prosthesis, said sealing prosthesis comprises a stent having a gasket material disposed on a surface of the stent, said stent defining a hollow tube having a distal open end and a covered proximal end, said proximal end of said sealing prosthesis being configured to engage the proximal end of the bypass prosthesis or a portion thereof.

Claim 2. (Previously Presented) The system of claim 1 wherein said proximal zone of the extension prosthesis flares for frictional, non-abrasive engagement with the bypass prosthesis.

Claim 3. (Previously Presented) The system of claim 2 wherein the flaring of said proximal zone of the extension prosthesis has a length corresponding to length of the overlap with the bypass prosthesis.

Claim 4. (Previously Presented) The system of claim 3 wherein the bypass prosthesis overlaps the proximal zone of the extension prosthesis by 30-50 mm.

Claim 5. (Previously Presented) The system of claim 4 wherein the bypass stent is focused inwardly to taper and the proximal zone of the stent of the extension prosthesis is focused outwardly and further comprising an open hoop.

Claims 6 and 7 (Cancelled)

Claim 8. (Previously Presented) The system of claim 2 further comprising at least one connector for engaging the bypass prosthesis with the extension prosthesis.

Claim 9. (Original) The system of claim 8 wherein said connector comprises a leg having a knobbed tip.

Claim 10. (Original) The system of claim 1 further comprising at least one anchor positioned in a distal portion the extension prosthesis.

Claim 11. (Original) The system of claim 1 further comprising at least one marker positioned in a distal portion of said bypass prosthesis, and at least one marker positioned in a proximal portion of said extension prosthesis.

Claim 12. (Original) The system of claim 11 wherein the distal portion of the bypass prosthesis comprises at least two markers, said markers forming a distinctive pattern.

Claim 13. (Original) The system of claim 11 wherein the proximal portion of the extension prosthesis comprises at least two markers, said markers forming a distinctive pattern.

Claim 14. (Withdrawn) An extension prosthesis for partially bypassing an aneurysm comprising a stent having a graft material disposed on a surface of the stent, said stent defining a hollow tube having proximal and distal open ends, said distal end comprising at least one anchor for positioning the distal end of the extension prosthesis downstream of said aneurysm.

Claim 15. (Withdrawn) A method for treating an aneurysm comprising delivering a bypass prosthesis to a site adjacent to an aneurysm; and delivering and engaging an extension prosthesis with the bypass prosthesis.

Claim 16. (Withdrawn) The method of claim 15 wherein engaging an extension prosthesis with the bypass prosthesis comprises establishing a fluid flow path that bypasses the aneurysm.

Claim 17. (Withdrawn) A connector assembly for attaching a first prosthesis to a second prosthesis comprising a connector body having at least one tip, said tip being deformable into a knob.

Claim 18. (Withdrawn) The connector of claim 17 wherein the connector body is U-shaped and comprises at least two deformable tips.

Claim 19. (Withdrawn) A kit for bypassing an aneurysm comprising at least one of the following: a sterile or sterilizable enclosure; a first prosthesis; a first prosthesis in an individual sterile enclosure; a second prosthesis; a second prosthesis in an individual sterile enclosure; a third prosthesis; a third prosthesis in an individual sterile enclosure; at least one

suture; at least one staple; a collar or catheter tip assembly configured to engage and deliver a first prosthesis, a second prosthesis, and/or a third prosthesis; and at least one marker configured for placement on a first prosthesis, a second prosthesis, a third prosthesis, and/or portions thereof.